Food  
   
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Food is any substance consumed by an organism for nutritional support. Food is usually of plant,  
animal, or fungal origin and contains essential nutrients such as carbohydrates, fats, proteins, vitamins,  
or minerals. The substance is ingested by an organism and assimilated by the organism's cells to  
provide energy, maintain life, or support growth. Different species of animals have different feeding  
behaviours that satisfy the needs of their metabolisms and have evolved to fill speci

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.